

# SLOVENSKI STANDARD

## SIST EN 2240-091:2011

01-oktober-2011

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**Aeronavtika - Žarnice - 091. del: Žarnica, kod 7714 - Standard za izdelek**

Aerospace series - Lamps, incandescent - Part 091: Lamp, code 7714 - Product standard

Luft- und Raumfahrt - Glühlampen - Teil 091: Lampe, Kode 7714 - Produktnorm

Série aérospatiale - Lampes à incandescence - Partie 091: Lampe, code 7714 - Norme de produit

**Ta slovenski standard je istoveten z: EN 2240-091:2011**

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### ICS:

49.060

Letalska in vesoljska  
električna oprema in sistemi

Aerospace electric  
equipment and systems

**SIST EN 2240-091:2011**

**en,fr,de**

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EUROPEAN STANDARD  
NORME EUROPÉENNE  
EUROPÄISCHE NORM

**EN 2240-091**

August 2011

ICS 49.060

English Version

**Aerospace series - Lamps, incandescent - Part 091: Lamp, code  
7714 - Product standard**

Série aérospatiale - Lampes à incandescence - Partie 091:  
Lampe, code 7714 - Norme de produit

Luft- und Raumfahrt - Glühlampen - Teil 091: Lampe, Kode  
7714 - Produktnorm

This European Standard was approved by CEN on 4 May 2011.

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This European Standard exists in three official versions (English, French, German). A version in any other language made by translation under the responsibility of a CEN member into its own language and notified to the CEN-CENELEC Management Centre has the same status as the official versions.

CEN members are the national standards bodies of Austria, Belgium, Bulgaria, Croatia, Cyprus, Czech Republic, Denmark, Estonia, Finland, France, Germany, Greece, Hungary, Iceland, Ireland, Italy, Latvia, Lithuania, Luxembourg, Malta, Netherlands, Norway, Poland, Portugal, Romania, Slovakia, Slovenia, Spain, Sweden, Switzerland and United Kingdom.

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EUROPEAN COMMITTEE FOR STANDARDIZATION  
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## Foreword

This document (EN 2240-091:2011) has been prepared by the Aerospace and Defence Industries Association of Europe - Standardization (ASD-STAN).

After enquiries and votes carried out in accordance with the rules of this Association, this Standard has received the approval of the National Associations and the Official Services of the member countries of ASD, prior to its presentation to CEN.

This European Standard shall be given the status of a national standard, either by publication of an identical text or by endorsement, at the latest by February 2012, and conflicting national standards shall be withdrawn at the latest by February 2012.

Attention is drawn to the possibility that some of the elements of this document may be the subject of patent rights. CEN [and/or CENELEC] shall not be held responsible for identifying any or all such patent rights.

According to the CEN/CENELEC Internal Regulations, the national standards organizations of the following countries are bound to implement this European Standard: Austria, Belgium, Bulgaria, Croatia, Cyprus, Czech Republic, Denmark, Estonia, Finland, France, Germany, Greece, Hungary, Iceland, Ireland, Italy, Latvia, Lithuania, Luxembourg, Malta, Netherlands, Norway, Poland, Portugal, Romania, Slovakia, Slovenia, Spain, Sweden, Switzerland and the United Kingdom.

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**EN 2240-091:2011 (E)****1 Scope**

This European Standard specifies the required characteristics for lamp, code 7714, for aerospace applications.

It should be used together with EN 2756.

**2 Normative references**

The following referenced documents are indispensable for the application of this document. For dated references, only the edition cited applies. For undated references, the latest edition of the referenced document (including any amendments) applies.

EN 2240-001, *Aerospace series — Lamps, incandescent — Part 001: Technical specification*

EN 2240-002, *Aerospace series — Lamps, incandescent — Part 002: Main characteristics*

EN 2241, *Aerospace series — Lamp caps — Dimensions*

EN 2756, *Aerospace series — Lamps, incandescent — Test methods*

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### 3 Required characteristics

#### 3.1 Dimensions and mass

See Figure 1 and Table 1.

Dimensions are given in millimetres.

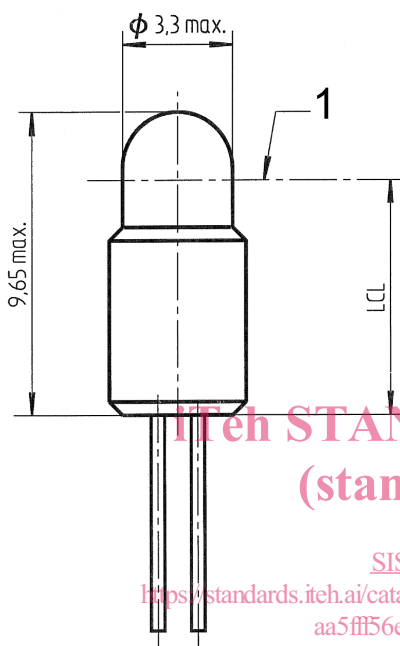


Table 1

Bulb appearance			Clear	
Nominal voltage			V	5
Nominal current			A	0,075
Nominal power			W	0,375
Nominal luminous flux			lm	1,13
Colour temperature			K	2 080
Life	Static with d.c.	h	2 000	
	Dynamic with d.c.	h	1 500	
	Static with a.c.	h	2 500	
Reduced voltage			V	–
Luminous flux at reduced voltage			lm	–
Form of filament			C – 2R	
Light Centre Length (LCL)			7 ± 0,75	
Mass (for 1 000)			kg	0,15

#### Key

1 Light centre

Figure 1

#### 3.2 Other characteristics

See Table 1.

#### 3.3 Form of filament

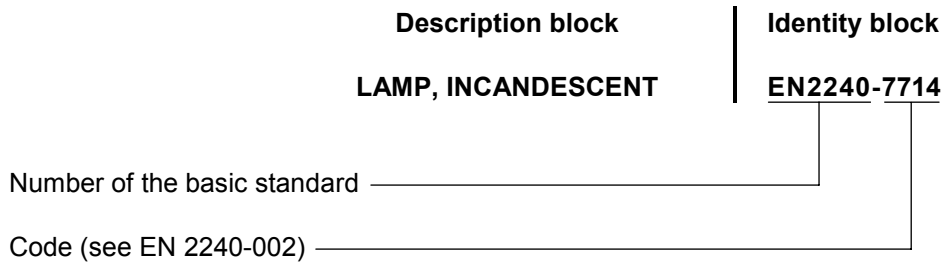
See EN 2240-002.

#### 3.4 Cap

G 1,27: see EN 2241.

**EN 2240-091:2011 (E)****4 Designation**

EXAMPLE



NOTE If necessary, the code I9005 shall be placed between the description block and the identity block.

**5 Marking**

Unless there is not enough space, the lamp and its packaging shall be marked with the international code number such as indicated in EN 2240-002.

**6 Technical specification**

See EN 2240-001.

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